

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20040089309").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 09:52
L2	40	(US-20060278236-\$ or US-20050274385-\$ or US-20040089309-\$ or US-20040163652-\$).did. or (US-5853006-\$ or US- 5163448-\$ or US- 5769090-\$ or US- 7392807-\$ or US- 6945250-\$ or US- 6913018-\$ or US- 6895968-\$ or US- 6863070-\$ or US- 5829440-\$ or US- 5758659-\$ or US- 7131443-\$ or US- 6453903-\$ or US- 6223747-\$ or US- 5601092-\$ or US- 5598852-\$ or US- 5598850-\$ or US- 5549120-\$ or US- 5458936-\$ or US- 5433219-\$ or US- 5370131-\$ or US- 5370130-\$ or US- 5199444-\$ or US- 7121281-\$ or US- 4964416-\$ or US- 4664104-\$ or US- 5036863-\$).did. or (US- 4881553-\$ or US- 5479940-\$ or US- 5163449-\$ or US- 6089231-\$ or US- 5606982-\$).did. or (US- 3282414-\$ or US- 2670736-\$ or US- 2567926-\$).did. or (WO- 2007010634-\$ or WO- 8802624-\$).did.	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/12/02 10:16
L3	0	L2 and (dry lubricant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 10:16

L4	23	(128/884).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 10:17
L5	0	L4 and (dry lubricant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 10:17
L6	217	(128/918).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 10:17
L7	2	L6 and (dry lubricant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 10:17
L8	535	(604/349).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 10:17
L9	568	(128/844).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 10:17
L10	233	(128/842).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 10:17
L11	4	(L8 or L9 or L10) and (dry lubricant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 10:17
L12	0	L2 and (lubricant with flourine)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 10:24
L13	0	(L8 or L9 or L10 or I4 or I6) and (lubricant with flourine)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 10:25
L14	5	(L8 or L9 or L10 or I4 or I6) and (lubricant with (bead or sphere or hemisphere))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/02 10:30
L15	1	("20090007921").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:05
S1	23	(128/884).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 13:37
S2	4	((YASUSHI) near2 (KANNO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/19 13:37
S3	2	((YASUSHI) near2 (KANNO)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/10/19 13:37
S4	2	("5163448"   "5853006"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/19 13:41
S5	0	(60/102011).APP.	JPO; DERWENT	OR	OFF	2009/10/19 13:42
S6	0	("0039292").PN.	JPO; DERWENT	OR	OFF	2009/10/19 13:42
S7	1	("7231905").PN.	JPO; DERWENT	OR	OFF	2009/10/19 13:42
S8	9	("8802624").PN.	EPO; JPO; DERWENT	OR	OFF	2009/10/19 13:43
S9	207	(128/918).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 13:51

S10	1	("20090007921").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 15:19
S11	518	(604/349).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 15:23
S12	528	(128/844).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 15:24
S13	83	S12 and bead\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/19 15:24
S14	34	("1819549"   "2389831"   "2604092"   "2670736"   "2904041"   "3282414"   "4004591"   "4100309"   "4232675"   "4354494"   "4446860"   "4576156"   "4589880"   "4664104"   "4684490"   "4726359"   "4735621"   "4795425"   "4855169"   "4964416"   "4966166").PN. OR ("5163448").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/19 15:39
S15	2	("3282414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 15:40
S16	2	("2670736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 15:40
S17	16	("2567926"   "2670736"   "3282414"   "4872463"   "5070890"   "5163448"   "5163449"   "5234401"   "5267575"   "5479940"   "5549120").PN. OR ("5853006").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/19 15:43
S18	222	(128/842).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/19 15:44
S19	154	S18 and condom	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/19 15:44
S20	36	("1819549"   "2389831"   "2604092"   "2670736"   "2904041"   "3282414"   "4004591"   "4100309"   "4232675"   "4354494"   "4446860"   "4576156"   "4589880"   "4664104"   "4684490"   "4726359"   "4735621"   "4795425"   "4855169"   "4964416"   "4966166").PN. OR ("5163448").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/03 10:39
S21	1	("5163448").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 15:18

S22	1	S21 and (ring with material)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 15:18
S23	1	S21 and (ring with remov \$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 15:24
S24	40	(US-20060278236-\$ or US-20050274385-\$ or US-20040089309-\$ or US-20040163652-\$).did. or (US-5853006-\$ or US-5163448-\$ or US-5769090-\$ or US-7392807-\$ or US-6945250-\$ or US-6913018-\$ or US-6895968-\$ or US-6863070-\$ or US-5829440-\$ or US-5758659-\$ or US-7131443-\$ or US-6453903-\$ or US-6223747-\$ or US-5601092-\$ or US-5598852-\$ or US-5598850-\$ or US-5549120-\$ or US-5458936-\$ or US-5433219-\$ or US-5370131-\$ or US-5370130-\$ or US-5199444-\$ or US-7121281-\$ or US-4964416-\$ or US-4664104-\$ or US-5036863-\$).did. or (US-4881553-\$ or US-5479940-\$ or US-5163449-\$ or US-6089231-\$ or US-5606982-\$).did. or (US-3282414-\$ or US-2670736-\$ or US-2567926-\$).did. or (WO-2007010634-\$ or WO-8802624-\$).did.	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/06/16 15:39
S25	4	S24 and (ring with lubricant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 15:39
S26	551	(128/844).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 15:42
S27	85	S26 and bead\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 15:42
S28	3	S27 and (lubricant with bead\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 15:42

S29	12	S26 and (ring with lubricant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 15:45
S30	1	("20040089309").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/01 16:21
S31	40	(US-20060278236-\$ or US-20050274385-\$ or US-20040089309-\$ or US-20040163652-\$).did. or (US-5853006-\$ or US- 5163448-\$ or US- 5769090-\$ or US- 7392807-\$ or US- 6945250-\$ or US- 6913018-\$ or US- 6895968-\$ or US- 6863070-\$ or US- 5829440-\$ or US- 5758659-\$ or US- 7131443-\$ or US- 6453903-\$ or US- 6223747-\$ or US- 5601092-\$ or US- 5598852-\$ or US- 5598850-\$ or US- 5549120-\$ or US- 5458936-\$ or US- 5433219-\$ or US- 5370131-\$ or US- 5370130-\$ or US- 5199444-\$ or US- 7121281-\$ or US- 4964416-\$ or US- 4664104-\$ or US- 5036863-\$).did. or (US- 4881553-\$ or US- 5479940-\$ or US- 5163449-\$ or US- 6089231-\$ or US- 5606982-\$).did. or (US- 3282414-\$ or US- 2670736-\$ or US- 2567926-\$).did. or (WO- 2007010634-\$ or WO- 8802624-\$).did.	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/12/01 16:22
S32	15	S31 and lubricant	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/12/01 16:22

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